

# Appendix **P**

## Preliminary Cost Estimate

**Preliminary Construction Cost Estimate  
Notion Road MCEA - Recommended Design**



	Unit	Unit Rate \$	Quantity	Item Amount \$	Sub-Total \$
<b>Road Works</b>					
▶ Superpave 12.5 FC-2	Tonne	\$ 115.00	3315	\$ 381,168	
▶ Superpave 19.0	Tonne	\$ 85.00	9268	\$ 787,789	
▶ Granular 'A'	Tonne	\$ 25.00	19495	\$ 487,363	
▶ Granular 'B'	Tonne	\$ 20.00	45725	\$ 914,499	
▶ Concrete Sidewalk, Including Granular Base	Sq. m.	\$ 100.00	4050	\$ 405,000	
▶ Concrete Slab Raised Median	Sq. m.	\$ 100.00	317	\$ 31,700	
▶ Concrete Curb & Gutter All Types	m.	\$ 75.00	5456	\$ 409,200	
▶ Manholes	each	\$ 3,000.00	27	\$ 81,000	
<b>Sub-Total Road Works</b>					<b>\$ 3,497,718</b>
<b>Servicing Works</b>					
▶ Catch Basins	each	\$ 1,800.00	91	\$ 163,800	
▶ 250mm Dia. PVC Catchbasin Lead	m.	\$ 350.00	318.5	\$ 111,475	
<b>Sub-Total Servicing Works</b>					<b>\$ 275,275</b>
<b>Structure</b>					
▶ Structure Cost	each	\$ 18,300,000.00	1	\$ 18,300,000	
▶ Retaining Wall Cost	Sq. m.	\$ 2,000.00	2301.99	\$ 4,603,980	
<b>Sub-Total Structure Cost</b>					<b>\$ 22,903,980</b>
<b>Grading</b>					
▶ Earth Excavation	Cu. m.	\$ 20.00	13230.1	\$ 264,602.00	
▶ Earth Borrow	Cu. m.	\$ 10.00	110879	\$ 1,108,792.50	
<b>Sub-Total Grading</b>					<b>\$ 1,373,395</b>
<b>Traffic</b>					
▶ Traffic Signals (Permanent)	each	\$ 250,000.00	2	\$ 500,000.00	
<b>Sub-Total Grading</b>					<b>\$ 500,000</b>
<b>Subtotal</b>					<b>\$ 28,550,368</b>
<b>Utility Relocations (40%)</b>					<b>\$ 11,420,147</b>
<b>Minor Items / Contingency (20%)</b>					<b>\$ 5,710,074</b>
<b>Construction Staging (5%)</b>					<b>\$ 2,284,029</b>
<b>Construction Admin (10%)</b>					<b>\$ 4,796,462</b>
<b>Grand Total</b>					<b>\$ 52,761,080</b>

Costs are approximate based on the current design configuration